



Accomplishing Forest Stewardship with Hand-Applied Herbicides

Accomplishing forest stewardship requires many tools. Hand-applied herbicide technologies are varied and effective tools which allow the land-owner to selectively control vegetation in a variety of circumstances.

Selective vegetation control can accomplish several stewardship objectives:

- Favor mast-producing trees and shrubs for wildlife food
- Favor trees with desirable fall color, shape, or form to enhance aesthetics
- Control unwanted brush along forest trails, or open up roads to daylight
- Remove overstory to increase ground-level sunlight for planting wildlife food plots
- Favor commercial timber species while selectively controlling undesirable trees and shrubs
- Control herbaceous weeds and grasses that compete with desirable woody vegetation
- Create snags for wildlife habitat

Hand-applied herbicides fit the bill where convenience, environmental concern, lack of timber markets, or smoke restrictions prohibit the land-owner from using more traditional methods of vegetation control. Hand-applied herbicide methods are simple, safe, and inexpensive. They allow landowners to practice timber, wildlife, and recreation management with a minimum investment in equipment.

A number of herbicides are labeled for individual stem treatment (see Table 1). Consultation with the county Extension agent, state forest service forester, forestry consultant, or weed control specialist can assist in selecting the

Table 1. Herbicides Labeled for Individual Stem Treatments

HERBICIDE	BRAND NAMES	foliar	TYPE OF APPLICATION			basal
			frill	cut surface	stump	inject
2,4-D	Many names	X	X	X	X	X
Dicamba	Banvel	X	X	X	X	X
Dichlorprop	2,4-DP, Weedone 2,4-DP	X	X	X	X	X
		X	X	X	X	X
Fosamine	Krenite	X				
Glyphosphate	Accord	X		X	X	
Imazapyr	Arsenal, Chopper	X	X	X		
Picloram	Tordon, Pathway	X	X	X	X	X
Triclopyr	Garlon 3A, Garlon 4 Pathfinder	X	X	X	X	X

Note: All formulations of these herbicides are not suitable for all the uses indicated. Check manufacturer's label for uses and additional precautions. Follow label instructions.

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